Electronic Acknowledgement Receipt					
EFS ID:	8537212				
Application Number:	10580120				
International Application Number:					
Confirmation Number:	7418				
Title of Invention:	EFFECT PIGMENTS HAVING AN ALUMINUM OR AN ALUMINUM ALOY CORE, PROCESS FOR THE PRODUCTION THEREOF AND USE THEREOF				
First Named Inventor/Applicant Name:	Frank Henglein				
Customer Number:	02352				
Filer:	Kourosh Salehi/Jane Lim				
Filer Authorized By:	Kourosh Salehi				
Attorney Docket Number:	P/746-4				
Receipt Date:	30-SEP-2010				
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Application Type:	U.S. National Stage under 35 USC 371				
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# File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
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		Application No.		Applicant(s)	
	09/685,189		HEINRICHS ET AL.		
Office Action Summary		Examiner		Art Unit	
		Janet L Andres		1646	
Period fo	The MAILING DATE of this communication app or Reply	ears on the cover s	heet with the co	rrespondence address	
THE - Exte after - If the - If NO - Failt - Any	ORTENED STATUTORY PERIOD FOR REPLY MAILING DATE OF THIS COMMUNICATION. ensions of time may be available under the provisions of 37 CFR 1.13 SIX (6) MONTHS from the mailing date of this communication. e period for reply specified above is less than thirty (30) days, a reply operiod for reply is specified above, the maximum statutory period we ure to reply within the set or extended period for reply will, by statute, reply received by the Office later than three months after the mailing ed patent term adjustment. See 37 CFR 1.704(b).	36(a). In no event, however within the statutory minim vill apply and will expire SIX cause the application to b	or, may a reply be time um of thirty (30) days (6) MONTHS from the ecome ABANDONED	ly filed will be considered timely. e mailing date of this communication. (35 U.S.C. § 133).	
1)⊠	Responsive to communication(s) filed on 25 S	September 2002 .			
2a)⊠	This action is <b>FINAL</b> . 2b) ☐ Thi	is action is non-fina	ıl.		
3)[	Since this application is in condition for allowa	nce except for forn	nal matters, pro	secution as to the merits is	
Disnosit	closed in accordance with the practice under lion of Claims	Ex parte Quayle, 1	935 C.D. 11, 45	3 O.G. 213.	
	Claim(s) <u>32,34-36,41,42,44-62,120,121,124-1</u>	32 and 147-157 is/	are pending in t	the application	
٠,٣	4a) Of the above claim(s) is/are withdraw			are application.	
5)	Claim(s) is/are allowed.				
·	Claim(s) <u>32,34-36,41,42,44-62,120,121,124-13</u>	32 and 147-157 is/a	are rejected.		
	Claim(s) is/are objected to.		,		
8)[	Claim(s) are subject to restriction and/or ion Papers	election requireme	ent.		
9)[	The specification is objected to by the Examiner	·.			
10)	The drawing(s) filed on is/are: a)□ accep	ted or b)□ objected	to by the Exam	iner.	
	Applicant may not request that any objection to the	e drawing(s) be held	n abeyance. See	e 37 CFR 1.85(a).	
11)	The proposed drawing correction filed on	is: a)∏ approved	b) disapprov	ed by the Examiner.	
	If approved, corrected drawings are required in rep	ly to this Office actio	n.		
12)	The oath or declaration is objected to by the Exa	aminer.			
Priority (	under 35 U.S.C. §§ 119 and 120				
13)	Acknowledgment is made of a claim for foreign	priority under 35 l	J.S.C. § 119(a)-	(d) or (f).	
a)	☐ All b)☐ Some * c)☐ None of:				
	1. Certified copies of the priority documents	s have been receiv	ed.		
	2. Certified copies of the priority documents	s have been receiv	ed in Application	n No	
* (	3.☐ Copies of the certified copies of the prior application from the International Bur See the attached detailed Office action for a list of the action for a list of t	eau (PCT Rule 17	.2(a)).	•	
14) 🗌 A	Acknowledgment is made of a claim for domestic	priority under 35	U.S.C. § 119(e)	(to a provisional application).	
	<ul> <li>The translation of the foreign language pro- Acknowledgment is made of a claim for domestic</li> </ul>	• •			
Attachmen	at(s)				
2) Notic	ce of References Cited (PTO-892) ce of Draftsperson's Patent Drawing Review (PTO-948) mation Disclosure Statement(s) (PTO-1449) Paper No(s)	5) 🔲 N		PTO-413) Paper No(s) stent Application (PTO-152)	

U.S. Patent and Trademark Office PTO-326 (Rev. 04-01) Application/Control Number: 09/685,189

Art Unit: 1646

#### RESPONSE TO AMENDMENT

1. Applicant's amendment filed 25 September 2002 is acknowledged. Claims 32, 34-36, 41, 42, 44-62, 120, 121, 124-132, and 147-157 are pending and under examination in this application.

The text of those sections of Title 35, U.S. Code, not included in this action can be found in a prior office action.

## Claim Rejections/Objections Withdrawn

- 2. The objection to the specification is withdrawn in response to Applicant's amendment.
- 3. The objection to claims 31-34 is withdrawn in response to Applicant's amendment to claims 32 and 34 and cancellation of claims 31 and 33.
- 4. The rejection of claims 31 and 37-40 under 35 U.S.C. 103(a) and 35 U.S.C. 102(b) is withdrawn in response to Applicant's cancellation of these claims.
- 5. The rejection of claims 31, 32, 37, 40, 41, 45-49, 51, 52, 54-63, 105, and 124-132 under 35 U.S.C. 112, first paragraph, as lacking enablement and written description is withdrawn in response to Applicant's amendment to claims 32, 41, 51, and 124-132 and cancellation of claims 31, 37, 40, 63, and 105.
- 6. The rejection of claims 31, 33, 37-40, 54-62, 120, 121, 124-132, 147, and 148 under 35 U.S.C. 112, second paragraph, as indefinite is withdrawn in response to Applicant's cancellation of claims 31, 33, and 37-40 and amendment to claims 54, 55, 57, 58, 60, 120, 124, 125, 127, 128, 130, and 147.

Application/Control Number: 09/685,189

Art Unit: 1646

## Claim Rejections Maintained

7. The rejection of claims 32, 34-36, 41, 42, 44-62, 120, 121, 124-132, and 147-157 under 35 U.S.C. 103(a) as unpatentable over Stabinsky and of claims 32, 34-36, 41, 42, 44-53, 60-62, 120, 121, 130, 131, and 147-157 as unpatentable over Blatt et al. is maintained for reasons of record in the office action of paper no. 12.

Applicant states that, to establish a *prima facie* case of obviousness, there must be a suggestion or motivation to modify the references and a reasonable expectation of success, and that the prior art must teach or suggest all of the claim limitations. Applicant argues that it has not been demonstrated with any particularity how one would combine the teachings of Stabinsky or Blatt et al. to arrive at any particular polypeptide claimed by Applicant. Applicant argues that no motivation is provided by the teachings of either Stabinsky or Blatt et al. to select Applicant's claimed sequences and that there is no guidance in these references to indicate which of the possible combinations would have interferon activity.

Applicant's arguments have been fully considered but have not been found to be persuasive. As stated in the previous office action, both Stabinsky and Blatt et al. teach an alignment of known, functional interferon alphas and from this alignment derive a consensus sequence. Applicant's claimed sequences can be readily derived from these teachings by changing selected amino acids in the consensus sequence to amino acids present at the corresponding residues in known, functional interferon alphas. One of ordinary skill could easily envision such altered sequences on viewing table 1 in Blatt et al. or Figure 2 in Stabinsky. Stabinsky and Blatt et al. have presented one possible consensus based on the alignments and

Application/Control Number: 09/685,189

Art Unit: 1646

one of ordinary skill would need only to view the alignment to realize that other variations could be made simply by selecting another amino acid than that selected by Stabinsky or Blatt et al. from the naturally occurring alternatives. It would be obvious to one of ordinary skill to do so because it would be obvious to one of ordinary skill in the biochemical arts that such altered sequences would also be functional; they are derived from combinations of sequences known to be functional. That Stabinsky and Blatt et al. teach one consensus sequence provides the suggestion to make other such sequences: one of ordinary skill could readily envision such alternatives, based on the alignments presented, and would readily expect such alternatives to be functional. Furthermore, as stated in the previous office action, Stabinsky contemplates other variants in column 33, lines 45-47.

Thus it would have been *prima facie* obvious to one of ordinary skill to take the known consensus sequence and change selected to amino acids to one of the other options indicated by the alignment of sequences shown in Figure 2 of Stabinsky and Table 1 of Blatt et al. with the expectation that the resulting polypeptide would function as an interferon alpha.

### NO CLAIM IS ALLOWED.

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period

Page 5

Art Unit: 1646

will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Janet Andres, Ph.D., whose telephone number is (703) 305-0557. The examiner can normally be reached on Monday through Friday from 8:00 am to 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Yvonne Eyler, Ph.D., can be reached at (703) 308-6564. The fax phone number for this group is (703) 872-9306 or (703) 872-9307 for after final communications.

Communications via internet mail regarding this application, other than those under U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be addressed to [yvonne.eyler@uspto.gov].

All Internet email communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark Office on February 25, 1997 at 1195 OG 89.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0196.

Janet Andres, Ph.D. December 9, 2002

YVONNE EYLER, PH.D SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 1600